

The AGS is a partnership of four scientific and technological universities and their associated partners. It was formed in the conviction that closer collaboration amongst leading research institutions, and partnership with government and industry, are essential for achieving real progress towards sustainability.



Registration deadline

31 December 2008

Poster submission

15 December 2008

Programme and registration

www.agsam2009.ethz.ch

Student Summit

www.wscsd.org/s3zurich



Co-organised with:



THE
AGS
The Alliance for Global Sustainability

Urban Futures: the Challenge of Sustainability

Student Summit for
Sustainability
organised in conjunction
with the AGS meeting

The AGS Annual Meeting 2009

26 – 29 January 2009

Main Building, ETH Zurich, Switzerland

- The world's urban population will double by 2050 – a recipe for chaos, or a chance for sustainability?
- keynote lectures, panel discussions, workshops, posters and exhibition
- international leading figures from academia, business and politics

Speakers include:

Sumi Akimasa, UT; **Michael Batty**, UCL; **Konstantinos Boulouchos**, ETH; **Kees Christiaanse**, ETH; **Illac Diaz**, Philippines; **Ralph Eichler**, ETH; **Daniel Favrat**, EPFL; **John Fernandez**, MIT; **Christophe Girot**, ETH; **Leon Glicksman**, MIT; **Nancy Grimm**, Arizona State University; **Kensuke Fukushi**, UT; **Carl-Eric Hagendoft**, Chalmers; **Stephen Hammer**, Columbia University; **Keisuke Hanaki**, UT; **Peter Head**, Arup; **Filip Johnsson**, Chalmers; **Hansjürg Leibundgut**, ETH; **Hiroshi Komiyama**, UT; **Helmut Macht**, Siemens; **Ernest J. Moniz**, MIT; **Greg Morrison**, Chalmers; **Ryozo Ooka**, UT; **Ulrich Pöschl**, Max Planck Institute for Chemistry; **Lars Reuterswärd**, UN-Habitat; **Andrea Rinaldo**, EPFL; **Thomas Rutherford**, ETH; **Bish Sanyal**, MIT; **Andreas Schaefer**, Cambridge University; **Gerhard Schmitt**, ETH; **Alois Stutzer**, Basel University; **Kazuhiko Takeuchi**, UT and UNU

By 2050, over 6 billion people – three quarters of the world's population – will live in cities. Can this dramatic demographic change be harnessed to ensure progress towards sustainability? Our propositions:

- cities, properly managed, can be transformative arenas in which natural resources are used more efficiently and economically, contributing to a high quality of life for everyone
- reinventing cities offers one of the most effective ways of reducing human impacts upon the environment and achieving greater sustainability.

This conference offers a forum for all those concerned about our urban future, from academia, industry and public administration. We look forward to welcoming you at this important event.

Professor Peter Edwards
AGS Faculty Coordinator, ETH
and the AGS AM 2009 Planning Committee



Monday 26 January

Student Summit for Sustainability

Tuesday 27 January

Lars Reuterswärd, Global Division of UN-Habitat

“Key Challenges for Urban Futures”

Panel speakers on the themes:

- Pathways to sustainable energy systems
- Transforming the building stock for sustainability
- Pro-poor urban futures in developing countries
- Universities as a role model for a sustainable society

Wednesday 28 January

Nancy Grimm, Central Arizona-Phoenix Long-Term

Ecological Research Project, Arizona State University

“Global Change in the Urban Century”

Stephen Hammer, Urban Energy Program,

Columbia University; Urban Climate Change Research Network

“Urban Energy Governance: Shifting Roles for Private Sector Stakeholders”

Panel speakers on the themes:

- Urban ecology and environmental impacts
- Challenges for business and governance
- Happiness, mobility and society
- Size, shape and the sustainability of cities

Thursday 29 January

Peter Head, Director of Arup

“Transforming City Planning in Entering the Ecological Age”

Kees Christiaanse, Architect, ETH Zurich

“Urban Design and Sustainability”

Panel discussion:

- Visions for Urban Futures